

CLAIM AMENDMENTS

Claims 1 to 36. (canceled)

37. (new) A method for installing and executing software in a computer, wherein the method comprises:

- receiving encoded software and an execution control program;

- executing the execution control program, wherein execution of the execution control program performs steps comprising:

 - sending user data that identifies the computer or a user of the computer to a verification server,

 - receiving from the verification server decoding information and starting information in response to the verification server verifying the user data; and

 - decoding the encoded software in response to the decoding information to obtain decoded software and installing the decoded software; starting execution of the installed decoded software using the starting information, wherein the installed decoded software will not execute without the starting information;

 - sending the user data or session data that identifies the computer or the user of the computer to the verification server one or more times during the execution of the installed decoded software; and

 - ending the execution of the installed decoded software in response to the verification server failing to verify the user data or the session data during the execution installed software.

38. (new) The method of claim 37 that comprises:

- receiving a monitoring program from the verification server; and
- executing the monitoring program;

 - wherein the execution of the monitoring program comprises:

 - monitoring executions of the installed decoded software and the execution control program; and

if one of the executions of the installed decoded software or the execution control program ends, ending the other of the executions of the installed decoded software and the execution control program;
and wherein the execution of the execution control program further comprises:
monitoring the executions of the installed decoded software and the monitoring program; and
if one of the executions of the installed decoded software and the monitoring program ends, ending the other of the executions of the installed decoded software and the monitoring program.

39. (new) The method of claim 37 that comprises disabling execution of the installed decoded software when its execution is completed.

40. (new) The method of claim 39 that disables execution of the installed decoded software by deleting at least a portion of the installed decoded software.

41. (new) The method of claim 39, wherein the starting and the disabling execution of the installed decoded software is performed by the execution control program.

42. (new) The method of claim 37 that comprises:

receiving the user data from the computer;
comparing the user data to information stored in a database to verify the user data;
if the user data is verified, sending the decoding information and the starting information to the computer;

receiving the user data or the session data from the computer one or more times during the execution of the installed decoded software;

comparing the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

prohibiting the computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

43. (new) The method of claim 42 that comprises:

- determining a reporting period according to a load condition of the verification server; and

- instructing the computer to send the user data or the session data to the verification server in each reporting period during the execution of the installed decoded software.

44. (new) A method for verifying an installation of software in a computer, wherein the method comprises:

- receiving user data that identifies the computer or a user of the computer,

- comparing the user data to information stored in a database to verify the user data;

- if the user data is verified, sending decoding information and starting information to the computer, wherein the decoding information allows encoded software to be decoded and installed in the computer, and the starting information allows the installed decoded software to execute in the computer;

- receiving the user data or session data from the computer one or more times during the execution of the installed decoded software;

- comparing the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

- prohibiting the computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

45. (new) The method of claim 44 that comprises:

- determining a reporting period according to a load condition of a verification server; and

- instructing the computer to send the user data or the session data to the verification server in each reporting period during the execution of the installed decoded software.

46. (new) A storage medium recording a program of instructions that is executable by a machine to perform a method for installing and executing software in a computer, wherein the method comprises:

- receiving encoded software and an execution control program;

executing the execution control program, wherein execution of the execution control program performs steps comprising:

- sending user data that identifies the computer or a user of the computer to a verification server,

- receiving from the verification server decoding information and starting information in response to the verification server verifying the user data; and

- decoding the encoded software in response to the decoding information to obtain decoded software and installing the decoded software; and

- starting execution of the installed decoded software using the starting information, wherein the installed decoded software will not execute without the starting information.

- sending the user data or session data that identifies the computer or the user of the computer to the verification server one or more times during the execution of the installed decoded software; and

- ending the execution of the installed decoded software in response to the verification server failing to verify the user data or the session data during the execution installed software.

47. (new) The medium of claim 46, wherein the method comprises:
receiving a monitoring program from the verification server; and
executing the monitoring program;

- wherein the execution of the monitoring program comprises:

- monitoring executions of the installed decoded software and the execution control program; and

- if one of the executions of the installed decoded software or the execution control program ends, ending the other of the executions of the installed decoded software and the execution control program;

- and wherein the execution of the execution control program further comprises:

- monitoring the executions of the installed decoded software and the monitoring program; and

if one of the executions of the installed decoded software and the monitoring program ends, ending the other of the executions of the installed decoded software and the monitoring program.

48. (new) The medium of claim 46, wherein the method comprises disabling execution of the installed decoded software when its execution is completed.

49. (new) The medium of claim 48, wherein the method disables execution of the installed decoded software by deleting at least a portion of the installed decoded software.

50. (new) The medium of claim 48, wherein the starting and the disabling execution of the installed decoded software is performed by the execution control program.

51. (new) The medium of claim 46, wherein the method comprises:

receiving the user data from the computer,

comparing the user data to information stored in a database to verify the user data;

and

if the user data is verified, sending the decoding information and the starting information to the computer.

receiving the user data or the session data from the computer one or more times during the execution of the installed decoded software;

comparing the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

prohibiting the computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

52. (new) The medium of claim 51, wherein the method comprises:

determining a reporting period according to a load condition of the verification server; and

instructing the computer to send the user data or the session data to the verification server in each reporting period during the execution of the installed decoded software.

53. (new) A medium recording a program of instructions that is executable by a machine to perform a method for verifying an installation of first software in a computer, wherein the method comprises:

- receiving user data that identifies the computer or a user of the computer,
- comparing the user data to information stored in a database to verify the user data;
- if the user data is verified, sending decoding information and starting information to the computer, wherein the decoding information allows encoded software to be decoded and installed in the computer, and the starting information allows the installed decoded software to execute in the computer;
- receiving the user data or session data from the computer one or more times during the execution of the installed decoded software;
- comparing the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and
- prohibiting the computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

54. (new) The method of claim 53 that comprises:

- determining a reporting period according to a load condition of a verification server;
- and
- instructing the computer to send the user data or the session data to the verification server in each reporting period during the execution of the installed decoded software.

55. (new) A computer system comprising a first computer for installing and executing software in the first computer, wherein the first computer comprises:

- a first calculation processing unit;
- first memory;
- first input-output circuits;
- one or more first storage devices; and
- first circuitry that couples the first calculation processing unit, the first memory, the first input-output circuits and the one or more first storage devices;

wherein the one or more first storage devices record encoded software and an execution control program, the first memory records programs including at least a portion of the execution control program for execution by the first calculation processing unit to:

- send user data through the first input-output circuits that identifies the first computer or a user of the first computer to a second computer,

- receive through the first input-output circuits decoding information and starting information from the second computer;

- decode the encoded software in response to the decoding information to obtain decoded software and install the decoded software;

- start execution of the installed decoded software using the starting information, wherein the installed decoded software will not execute without the starting information;

- send the user data or session data that identifies the first computer or the user of the first computer through the first input-output circuits to the second computer one or more times during the execution of the installed decoded software; and

- end the execution of the installed decoded software in response to the second computer failing to verify the execution of the installed decoded software.

56. (new) The computer system of claim 55, wherein the first memory records at least a portion of the execution control program for execution by the first calculation processing unit to:

- receive a monitoring program from the second computer; and

- execute the monitoring program;

- wherein execution of the monitoring program comprises:

- monitoring executions of the installed decoded software and the execution control program; and

- if one of the executions of the installed decoded software or the execution control program ends, ending the other of the executions of the installed decoded software and the execution control program;

- and wherein the execution of the execution control program further comprises:

- monitoring the executions of the installed decoded software and the monitoring program; and

if one of the executions of the installed decoded software and the monitoring program ends, ending the other of the executions of the installed decoded software and the monitoring program.

57. (new) The computer system of claim 55, wherein the first calculation processing unit disables execution of the installed decoded software when its execution is completed.

58. (new) The computer system of claim 57, wherein the first calculation processing unit disables execution of the installed decoded software by deleting at least a portion of the installed decoded software.

59. (new) The computer system of claim 57, wherein the first calculation processing unit starts and disables execution of the installed decoded software by executing the execution control program.

60. (new) The computer system of claim 55, wherein the second computer comprises:
a second calculation processing unit;
second memory;
second input-output circuits;
one or more second storage devices storing a database; and
second circuitry that couples the second calculation processing unit, the second memory, the second input-output circuits and the one or more second storage devices;
wherein the second memory records programs for execution by the second calculation processing unit to:

receive the user data from the first computer through the second input-output circuits,

compare the user data to information stored in a database to verify the user data;
if the user data is verified, sending the decoding information and the starting information to the first computer through the second input-output circuits;

receive the user data or the session data from the first computer one or more times through the second input-output circuits during the execution of the installed decoded software;

compare the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

prohibit the first computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

61. (new) The method of claim 60 that comprises:

determining a reporting period according to a load condition of the second computer; and

instructing the first computer to send the user data or the session data in each reporting period during the execution of the installed decoded software.

62. (new) A second computer for verifying an installation of software in a first computer, wherein the second computer comprises:

a calculation processing unit;

memory;

external input-output circuits;

one or more storage devices storing a database; and

circuitry that couples the calculation processing unit, the memory, the external input-output circuits and the one or more storage devices;

wherein the memory records programs for execution by the calculation processing unit to:

receive user data through the external input-output circuits that identifies the first computer or a user of the first computer,

compare the user data to information stored in the database to verify the user data;

if the user data is verified, send decoding information and starting information to the first computer through the external input-output circuits, wherein the decoding information allows encoded software to be decoded and installed in the first computer, and the starting information allows the installed decoded software to execute in the first computer;

receive the user data or session data from the first computer one or more times through the external input-output circuits during the execution of the installed decoded software;

compare the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

prohibit the first computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

63. (new) The method of claim 62 that comprises:

determining a reporting period according to a load condition of the second computer; and

instructing the first computer to send the user data or the session data in each reporting period during the execution of the installed decoded software.

64. (new) A computer system for installing and executing software in a computer, wherein the computer system comprises:

means for receiving encoded software and an execution control program;

means for sending user data that identifies the computer or a user of the computer to a verification server,

means for receiving from the verification server decoding information and starting information in response to the verification server verifying the user data; and

means for decoding the encoded software in response to the decoding information to obtain decoded software and installing the decoded software;

means for starting execution of the installed decoded software using the starting information, wherein the installed decoded software will not execute without the starting information;

means for sending the user data or session data that identifies the computer or the user of the computer to the verification server one or more times during the execution of the installed decoded software; and

means for ending the execution of the installed decoded software in response to the verification server failing to verify the user data or the session data during the execution of the installed software.

65. (new) The computer system of claim 64 that comprises:

means for receiving a monitoring program from the verification server; and

means for executing the monitoring program;

wherein execution of the monitoring program comprises:

monitoring executions of the installed decoded software and the execution control program; and

if one of the executions of the installed decoded software or the execution control program ends, ending the other of the executions of the installed decoded software and the execution control program;

and wherein execution of the execution control program further comprises:

monitoring the executions of the installed decoded software and the monitoring program; and

if one of the executions of the installed decoded software and the monitoring program ends, ending the other of the executions of the installed decoded software and the monitoring program.

66. (new) The computer system of claim 64 that comprises means for disabling execution of the installed decoded software when its execution is completed.

67. (new) The computer system of claim 66 that disables execution of the installed decoded software by deleting at least a portion of the installed decoded software.

68. (new) The computer system of claim 66, wherein the starting and the disabling execution of the installed decoded software is performed by the execution control program.

69. (new) The computer system of claim 64 that comprises:

means for receiving the user data from the computer,

means for comparing the user data to information stored in a database to verify the user data;

means for sending the decoding information and the starting information to the computer if the user data is verified;

means for receiving the user data or the session data from the computer one or more times during the execution of the installed decoded software;

means for comparing the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

means for prohibiting the computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

70. (new) The method of claim 69 that comprises:

determining a reporting period according to a load condition of the verification server; and

instructing the computer to send the user data or the session data to the verification server in each reporting period during the execution of the installed decoded software.

71. (new) A computer system for verifying an installation of software in a computer, wherein the computer system comprises:

means for receiving user data that identifies the computer or a user of the computer,

means for comparing the user data to information stored in a database to verify the user data;

means for sending decoding information and starting information to the computer, wherein the decoding information allows encoded software to be decoded and installed in the computer, and the starting information allows the installed decoded software to execute in the computer if the user data is verified;

means for receiving the user data or session data from the computer one or more times during the execution of the installed decoded software;

means for comparing the user data or the session data to information stored in the database to verify the user data or the session data during the execution of the installed decoded software; and

means for prohibiting the computer from continuing the execution of the installed decoded software if verifying the user data or the session data fails.

72. (new) The method of claim 71 that comprises:

determining a reporting period according to a load condition of a verification server;

and

instructing the computer to send the user data or the session data to the verification server in each reporting period during the execution of the installed decoded software.